



05/16/07  
IAP12 Rec'd PCT/PTO 15 MAY 2007 PCT

EXPRESS MAIL LETTER

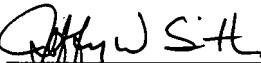
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wiethoff et al.  
Int'l Filing Date: January 24, 2005  
Application No.: 10/587,065  
For: METHOD AND DEVICE FOR DETERMINING THE QUALITY OF MILK PRODUCED BY MACHINE MILKING  
Docket No.: 10034.545  
Express Mail No.: EM027779580US  
Date of Deposit: May 15, 2007

I hereby certify that these attached documents

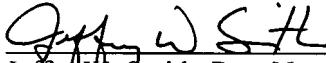
- Response postcard
- Check in the amount of \$130.00
- PTO/SB 21 (1p)
- PTO/SB 17 (1p) and 1 copy
- Copy of Notification of Missing Requirements (2pp)
- Transmittal of Missing Requirements (2pp) and 1 copy
- Executed Combined Declaration and Power of Attorney (2pp)

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 35 C.F.R. §1.10 on the date indicated above and is addressed to the *Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450*

  
(Jeffry W. Smith, Reg. No. 33455)

Enclosed for filing please find the above-referenced documents. Please indicate receipt of these documents by returning the attached postcard with the official Patent and Trademark Office receipt stamped thereon.

Respectfully submitted,

  
Jeffry W. Smith, Reg. No. 33455  
Attorney for Applicant  
SMITH LAW OFFICE  
440 Science Drive, Suite 302  
Madison, WI 53711  
(608) 663-8200



PTO/SB/21 (04-07)

Approved for use through 09/30/2007. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/587,065
Filing Date	January 24, 2005
First Named Inventor	Magnus Wiethoff
Art Unit	
Examiner Name	
Attorney Docket Number	10034.545

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Copy of Notification of Missing Requirements (2pp)
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input checked="" type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	SMITH LAW OFFICE		
Signature			
Printed name	Jeffry W. Smith		
Date	May 15, 2007	Reg. No.	33455

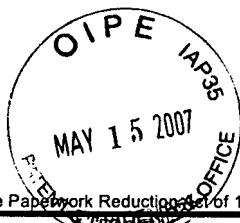
**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (05-07)

Approved for use through 05/31/2007. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number

Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL For FY 2007

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\\$) 130.00
-------------------------	--------------

## Complete if Known

Application Number	10/587,065
Filing Date	January 24, 2005
First Named Inventor	Magnus Wiethoff
Examiner Name	
Art Unit	
Attorney Docket No.	10034.545

## METHOD OF PAYMENT (check all that apply)

- Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_
- Deposit Account Deposit Account Number: 50-2911 Deposit Account Name: SMITH LAW OFFICE

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee
- Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

## FEE CALCULATION

### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

### 2. EXCESS CLAIM FEES

#### Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

#### Small Entity

Fee (\$)	Fee (\$)
50	25

200	100
-----	-----

360	180
-----	-----

#### Total Claims

#### Extra Claims

#### Fee (\$)

#### Fee Paid (\$)

#### Multiple Dependent Claims

Fee (\$)	Fee Paid (\$)
----------	---------------

- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

#### Indep. Claims

#### Extra Claims

#### Fee (\$)

#### Fee Paid (\$)

- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
--------------	--------------	--	----------	---------------

- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Surcharge

Fees Paid (\$)
----------------

130.00

## SUBMITTED BY

Signature	<u>Jeffry W. Smith</u>	Registration No. (Attorney/Agent) 33455	Telephone 608-663-8200
Name (Print/Type)	Jeffry W. Smith	Date <u>May 15, 2007</u>	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/587,065	Magnus Wiethoff	10034.545

**RECEIVED**

**INTERNATIONAL APPLICATION NO.**

PCT/EP05/00660

I.A. FILING DATE	PRIORITY DATE
01/24/2005	01/23/2004

Jeffry W. Smith  
 Smith Law Office  
 440 Science Drive, Ste. 302  
 Madison, WI 53711

**MAY 11 2007**

**SMITH LAW OFFICE**

**CONFIRMATION NO. 7208**

**371 FORMALITIES LETTER**

**ACTION: Missing Requirements**

**DUE DATE: 7/18/07**

**ENTERED: 5/14/07**

**BY: alw**

**\*OC000000023739228\***

Date Mailed: 05/08/2007

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 07/21/2006
- English Translation of the IA filed on 07/21/2006
- Copy of the International Search Report filed on 07/21/2006
- Preliminary Amendments filed on 07/21/2006
- Request for Immediate Examination filed on 07/21/2006
- U.S. Basic National Fees filed on 07/21/2006
- Priority Documents filed on 07/21/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

INDIA L EVANS

---

Telephone: (703) 308-9140 EXT 212

**PART 1 - ATTORNEY/APPLICANT COPY**

---

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/587,065	PCT/EP05/00660	10034.545

FORM PCT/DO/EO/905 (371 Formalities Notice)



## PATENT APPLICATION

In the United States Patent and Trademark Office

Applicant: Wiethoff et al.

Docket No.: 10034.545

Date: May 15, 2007

Application No.: 10/587,065

Int'l Filing Date: January 24, 2005

Art Unit:

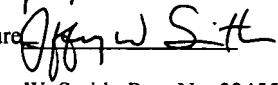
Examiner:

For: METHOD AND DEVICE FOR DETERMINING THE QUALITY OF MILK  
PRODUCED BY MACHINE MILKING

### Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

On May 15, 2007

Signature:   
Jeffry W. Smith, Reg. No. 33455  
Name of Applicant, assignee or  
Registered Representative

### TRANSMITTAL OF MISSING REQUIREMENTS UNDER 35 U.S.C. §371

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements mailed May 8, 2007, enclosed are the following items in the above-referenced U.S. patent application:

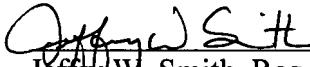
1. A Combined Declaration and Power of Attorney, executed by the Applicants on September 8, 2006.
2. Copy of Notification of Missing Requirements under 35 U.S.C. §371.
3. A check in the amount of \$130.00 to cover the surcharge set forth in 37 C.F.R. §1.492(h).

Applicant: Wiethoff et al.  
Application No.: 10/587,065

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-2911. A duplicate copy of this document is enclosed.

Having now complied with all the requirements of 37 C.F.R. §371, Applicants respectfully request that this application be placed upon the files for examination.

Respectfully submitted,

  
Jeffrey W. Smith, Reg. No. 33455  
Attorney for Applicant  
SMITH LAW OFFICE  
440 Science Drive, Suite 302  
Madison, WI 53711  
(608) 663-8200